

IHC*easy* ERBIN Ready-To-Use IHC Kit

Catalog Number: **KHC1883**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse, Rat
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Polyclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL × 2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

ERBIN also named ERBB2IP, is a cytoplasmic protein that contains leucine-rich repeats (LRR) and PSD95/Dlg1/zo-1 (PDZ) domain (thus named a LAP protein). ERBB2IP interacts, via its single PDZ domain, specifically with ErbB2, but not with ErbB3, ErbB4, or EGFR. It is colocalized with ErbB2 at the basolateral membranes of epithelial cells. In addition, ERBB2IP also interacts with PSD-95, Lano and with three p120-related catenins, eBPAG1 and the $\beta 4$ subunit of the $\alpha 6 \beta 4$ integrin, two major components of hemidesmosomes.

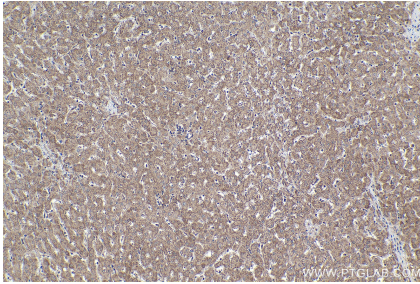
Synonyms

ERBB2IP, LAP2, KIAA1225, ErbB2-interacting protein, Densin-180-like protein

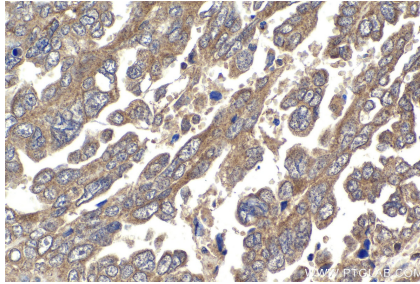
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

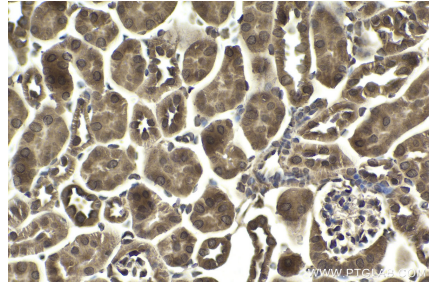
Selected Validation Data



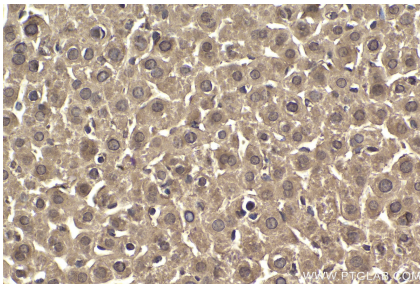
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC1883 (ERBIN IHC Kit).



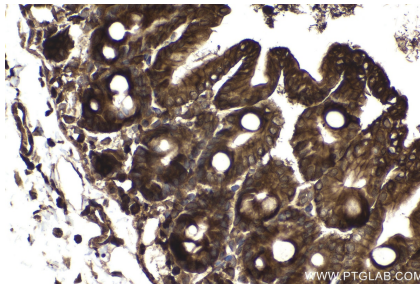
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC1883 (ERBIN IHC Kit).



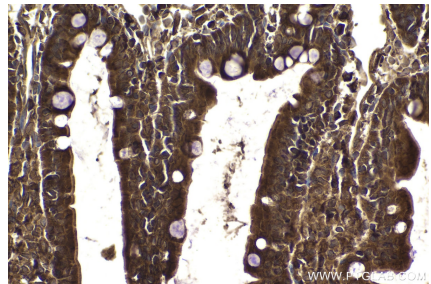
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1883 (ERBIN IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC1883 (ERBIN IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse intestine tissue slide using KHC1883 (ERBIN IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1883 (ERBIN IHC Kit).